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Amended Claims

1. (currently amended) A lamp comprising:

an LED module including at least one LED a plurality of LEDs arranged in a first pattern on a substrate;

an optical system including at least one lens a plurality of lenses in optical communication with the LED module; and

a zoom apparatus that selectively adjusts the relative axial separation of the optical system and the LED module, the zoom apparatus including:

an inner sleeve on which the LED module is disposed, and an outer sleeve on which the zoom apparatus is disposed,

the inner and outer sleeves being slidably interconnected with the inner sleeve disposed inside the outer sleeve, the outer sleeve defining fixed outside dimensions of the zoom apparatus.

2. (currently canceled)

3. (currently amended) The lamp as set forth in claim 2 claim 1, wherein the at least one lens plurality of lenses comprises:

a plurality of Fresnel lens arranged in a second pattern that corresponds with the first pattern.

- 4. (currently amended) The lamp as set forth in claim 2 claim 1, wherein the optical system comprises: each of the a plurality of lenses wherein each lens is axially aligned with an LED and optically communicates with said LED.
- 5. (currently amended) The A lamp as set forth in claim 1, wherein the zoom apparatus comprises comprising:

an LED module including at least one LED arranged on a substrate;
an optical system including at least one lens in optical communication
with the LED module; and

a zoom apparatus that selectively adjusts the relative axial separation of the optical system and the LED module, the zoom apparatus including:

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a first sleeve having the LED module arranged thereon, the first sleeve further having a first threading arranged thereon; and

a second sleeve having a second threading arranged thereon that is adapted to cooperate with the first threading such that the first sleeve and the second sleeve are relatively movable in a screwing fashion, the second sleeve further having the optical system arranged thereon.

6. (original) The lamp as set forth in claim 5, further comprising: an index system that relatively biases the first sleeve and the second sleeve into one or more selectable relative axial positions.

7. (currently canceled)

8. (currently amended) The lamp as set forth in claim 7 claim 1, wherein the zoom apparatus further comprises:

a mechanical interlock between the first and the second inner and outer sleeves that prevents relative rotation therebetween.

9. (currently amended) The A lamp as set forth in claim 8, wherein the mechanical interlock comprises comprising:

an LED module including at least one LED arranged on a substrate;
an optical system including at least one lens in optical communication
with the LED module; and

a zoom apparatus that selectively adjusts the relative axial separation of the optical system and the LED module, the zoom apparatus including a first sleeve having the LED module disposed thereon and a second sleeve having the optical system disposed thereon, the second sleeve slidingly connected with the first sleeve, the zoom apparatus further including a mechanical interlock between the first and the second sleeves that prevents relative rotation therebetween, the mechanical interlock including;

a protrusion on one of the first and the second sleeves, the protrusion being aligned parallel to the optical axis; axis, and

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a groove on one of the first and the second sleeves that receives the protrusion to prevent relative rotation of the first and the second sleeves.

- 10. **(currently amended)** The lamp as set forth in claim 7 claim 1, further comprising:
- a stop that relatively biases the first and the second inner and outer sleeves into one or more selectable relative axial stop positions.
- 11. (original) The lamp as set forth in claim 1, wherein the LED module further comprises:
- a heat sink thermally connected with the substrate for cooling the LED module.

12. (currently canceled)

13-16. (previously canceled)

17. (currently amended) A lamp comprising:

- a plurality of light sources;
- an optical system including a plurality of lenses in optical communication with the light sources; and
- a zoom apparatus that selectively adjusts a relative axial separation of the optical system and the light sources, the zoom apparatus including two threadedly interconnected sleeves, the first sleeve having the light sources arranged thereon, and the second sleeve having the optical system arranged thereon.

18. (currently canceled)

19. (new) The lamp as set forth in claim 5, wherein the LED module is rigidly mounted on the first sleeve and the optical system is rigidly mounted on the second sleeve.